Section 5
Thru
Section 6

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service

5.1.1 General

A. Asynchronous Transfer Mode (ATM) Service (herein referred to as ATM Service) is a connection-oriented data transport service base on ATM cell-based switching technology.

B. ATM Service provides flexible connectivity using virtual connections implemented over digital facilities operating at transmission speed of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps. This service provides for the switching of symmetrical duplex transmissions of fixed-length ATM cells, utilizing virtual connections. As ATM is a connection-oriented service to transfer information, a virtual connection must be set up across the ATM network. ATM service supports permanent virtual connections.

Information transmitted by ATM Service is segmented into fixed length cells, transported to and re-assembled at the specified destination. An ATM cell has a fixed length of 53 bytes. An ATM cell is broken into main sections, the header and the payload. The payload is the portion which carries the actual information. The header is used for network functions such for network functions such as addressing and error correction.

C. Network interface specifications for ATM Service are contained in the following documents:

- ATM Forum document, "ATM User-Network Interface Specification" (Versions 3.0 and 3.1). This document may be obtained from:

ATM Forum
2570 West El Camino Real
Suite 304
Mountain View, CA 94040

- BellSouth Technical Reference 73585. "Asynchronous Transfer Mode (ATM) Network Interface and Performance Specifications". This document may be obtained from:

BellSouth Telecommunications, Inc.
Regional Documentation Coordinator
20th floor
600 North 19th Street
Birmingham, AL 35203

D. ATM Service, as provided for in this Tariff section, is offered for intraLATA use only.

E. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other Tariffs of the Company.

F. The rates and charges set forth for ATM Service provide for the furnishing of service where suitable facilities are available.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

G. ATM Service is only available when provided in conjunction with Broadband Exchange Line Service. Specifications for Broadband Exchange Line Service are contained in 5.3 of this Tariff.

MAY 01 2002

H. ATM Service may be interconnected with Frame Relay Service subject to the provisions set forth in 5.2.

P. 10 807 KAR 5:011
SECTION 9 (1)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECRETARY OF THE COMMISSION

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations

A. Explanation of Terms

1. Customer Connection to ATM Service
The Customer Connection provides the customer with the standard interface to the ATM Service network. This interface receives the data cells from the customer's network or device and verifies that the addressing and traffic parameters are valid before relaying the cell to the specified destination. Included in the Customer Connection rate element are the customer's termination on the ATM Service switching equipment and the transport from the Serving Area Point to the switching equipment. These interfaces connect the ATM Service network with digital facilities operating at transmission speed of 1.536 Mbps, 44.210 Mbps, 149.760 Mbps or 599.040 Mbps.

2. ATM Service Network Service Area
Certain Company Central Offices are designated by the Company as Serving Area Points for the ATM Service Network Serving Area.

A customer accessing the ATM Service network, whose Serving Wire Center is designated a Serving Area Point, requires a Broadband Exchange Line-Fast Packet Option (FPO) as described in this Tariff. An ATM Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Exchange Line-FPO to the Serving Wire Center, as well as, the Broadband Exchange Line Extension-FPO to gain access to the closest designated Serving Area Point.

3. Permanent Virtual Circuit (PVC)
A PVC is a software defined data path transporting data within the ATM Service network between two ATM Customer Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process.

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

A. Explanation of Terms (continued)

4. PVC Service Categories
PVC service categories are established to support the service requirements of various categories of customer applications for ATM PVCs. Four PVC service categories are available. The customer must specify the desired service category for each PVC that is ordered. ATM Service supports the following types of PVC service categories:

(a) Constant Bit Rate (CBR): CBR allows for applications where a PVC requires special network timing requirements (i.e., strict PVC cell loss, cell delay and cell delay variation performance). For example, a CBR PVC would be utilized for applications requiring circuit emulation (i.e., a continuously operating logical channel) over ATM Service at transmission speeds comparable to DS1 and DS3. Such applications would include private line like service or voice type service where delays in transmission cannot be tolerated. The customer specifies the bandwidth required for each CBR PVC when it is ordered.

(b) Variable Bit Rate - Real Time (VBR-RT) : VBR-RT allows for applications where a PVC requires low cell delay variation. For example, VBR-RT would be utilized for applications such as variable bit rate video compression and packet voice and video which are somewhat tolerant of delay. The customer specifies the bandwidth required for each VBR-RT PVC when it is ordered.

(c) Variable Bit Rate - Non-Real Time (VBR-NRT): VBR-NRT allows for a PVC that can tolerate larger cell delay variations than VBR-RT. For example, VBR-NRT would be utilized for applications such as data file transfers. The customer specifies the bandwidth required for each VBR-NRT PVC when it is ordered.

(d) Unspecified Bit Rate (UBR): UBR allows for a PVC where the user does not require one of the PVC service categories described in a. through c. preceding. For example, UBR would be utilized where the customer seeks a low cost method of transporting bursty data for non-critical applications that can tolerate delay variations. The Company will attempt to deliver all ATM cells received via UBR PVCs; however, network congestion may result in loss of ATM cells.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

A. Explanation of Terms (continued)

5. PVC Traffic Parameters
Each non-UBR type PVC has a set of traffic parameters to describe the characteristics of the information being transmitted. Fixed values for these traffic parameters are derived from the PVC bandwidth specified by the customer for each PVC. These parameters are:

(a) Peak Cell Rate (PCR) - The PCR, in cells per second, is an upper bound on the source traffic that can be submitted on an ATM Customer Connection. PCR is a traffic parameter considered for both CBR and VBR service categories.

PCR is the only traffic parameter considered for a CBR PVC; the equivalent bandwidth per CBR PVC equals the PCR, in cells per second, times 0.000424.

PCR is one of three traffic parameters considered for a VBR PVC. For a VBR-RT PVC,

PCR is 200 percent of the SCR described following. For a VBR-NRT PVC, PCR is 400 percent of the SCR described following.

(b) Sustainable Cell Rate (SCR) - The SCR, in cells per second, is an upper bound on the conforming average cell rate of an ATM Customer Connection over time.

SCR is a traffic parameter considered only for a VBR PVC. The equivalent bandwidth per VBR-RT PVC is equal to the SCR, in cells per second, times 0.000512. The bandwidth per VBR-NRT PVC is equal to the SCR, in cells per second, times 0.000804.

(c) Maximum Burst Size (MBS) - MBS is the maximum number of consecutive cells that may be transmitted at the peak cell rate.

MBS is a traffic parameter considered only for a VBR PVC. For a VBR-RT PVC, the MBS is fixed at 32 cells per second. For a VBR-NRT PVC, the MBS is fixed at 100 cells per second.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

A. Explanation of Terms (continued)

6. PVC Segment
For ATM Service, the PVC segment defines the logical path between a customer's premises and the ATM Customer Connection on the ATM switch. An ATM PVC segment must be provisioned by the Company via service order activity and remain in place until requested to be removed by the customer. For ATM Service, two PVC segments are mapped together through the ATM switch to create a PVC representing a virtual channel through the ATM network. To allow one customer premises to communicate with another customer premises, two ATM Customer Connections and two PVC segments are required.

7. PVC Segment Bandwidth
A PVC Segment Bandwidth Charge is applicable for each CBR or VBR PVC segment. Such non-UBR PVC equivalent bandwidth represents the ATM Service network resources based on the PVC's traffic parameters. The PVC Segment Bandwidth Charge is derived by multiplying the PVC segment's equivalent bandwidth (calculation following) by the appropriate PVC Segment Bandwidth Charge (expressed in megabits or increments of 64 Kbps as described following).

The following calculations are applicable for determining non-UBR PVC segment bandwidth based upon the PVC service category.

(a) CBR equivalent bandwidth is equal to the PCR (cells per second) times 0.000424. PCR is equal to increments of 64 Kbps of equivalent bandwidth times 151, or megabits of equivalent bandwidth times 2358.

(b) VBR-RT equivalent bandwidth is equal to the SCR (cells per second) times 0.000512. For VBR-RT service, the PCR is fixed at 200 percent of the SCR and the MBS is fixed at 32 cells per second. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 125, or megabits of equivalent bandwidth times 1953.

(c) VBR-NRT equivalent bandwidth is equal to the SCR (cells per second) times 0.000804. For VBR-NRT service, the PCR is fixed at 400 percent of the SCR and the MBS is fixed at 100 cells per second. SCR is equal to increments of 64 Kbps of equivalent bandwidth times 79, or megabits of equivalent bandwidth times 1243.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

A. Explanation of Terms (continued)

7. PVC Segment Bandwidth (continued)
Where the result from the PVC segment equivalent bandwidth calculation is greater than 1.536 Mbps, the value is expressed in units of megabits and (if a fraction of a megabit) is rounded up to the next whole megabit. This bandwidth is multiplied by the Per Megabit Bandwidth Charge.

Where the result from the PVC segment equivalent bandwidth calculation is less than or equal to 1.536 Mbps, that number should be divided by .064 Mbps to arrive at a quantity of 64 Kbps increments. If the resulting number is not a whole number, it is rounded up to the next whole number and represents the number of 64 Kbps increments that should be utilized in the derivation of the PVC Segment Bandwidth Charge. This bandwidth is multiplied by the Per Increment of 64 Kbps Bandwidth Charge.

The following table illustrates the PVC segment equivalent bandwidth calculation for each non-UBR type PVC with one (1) megabit of bandwidth.

		Traffic Parameters (Cells Per Second)		
ATM PVC Service Category	Equivalent Bandwidth	Peak Cell Rate	Sustainable Cell Rate	Maximum Burst Size
CBR	1 Megabit	2,358	NA	NA
VBR-RT	1 Megabit	3,906	1,953	32
VBR-NRT	1 Megabit	4,975	1,244	
	100			

8. Feature Change Charge
A Feature Change Charge is a nonrecurring charge which applies whenever a change is made (at the customer's request) to add or change ATM service as specified following.

9. Serving Area Point (SAP)
A Serving Area Point (SAP) is a Company Central Office that is designated as a member of the ATM Service Network Serving Area. (See the explanation of ATM Service Network Serving Area preceding.)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

B. Basis of Offering

1. Detailed monthly billing is not provided.

2. Suspension of service is not allowed.

3. Obligations of Customer and Company

(a) The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.

(b) The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.

(c) The maximum number of PVC segments per Customer Connection is subject to the characteristics of the customer's data traffic. Thus, the number of PVC segments per Customer Connection must be negotiated between the customer and the Company at the establishment of the Customer Connection and subsequent to the establishment should the traffic characteristics change.

4. In order to maintain the quality of ATM Service, the Company reserves the right to perform preventive maintenance of software updates to the network. This could result in ATM Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company expects only to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer.

5. The minimum service period is 12 months.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

C. Provision of Service

1. Rates and charges contained in this Section of the Tariff consist of the following elements:

(a) Customer Connection to ATM Service

The ATM Customer Connection rate element includes the termination on the ATM switching equipment and the transport from ATM Serving Area Points to that switch. A minimum of one Customer Connection is required per customer to subscribe to ATM Service.

Rates for an ATM Customer Connection at speeds of 1.536 Mbps and 44.210 Mbps are flat rated based upon the average airline distance of ATM Serving Area Points from the ATM switch within a Network Serving Area.

Rates for an ATM Customer Connection at speeds of 149.760 Mbps and 599.040 Mbps may include two components. A fixed charge applies per 149.760 Mbps or 599.040 Mbps ATM Customer Connection. In addition, a Per Mile Charge applies if the ATM switch is not located in the customer's Serving Wire Center. Airline distance will be calculated from the customer's Serving Area Point to the Company Central Office where the ATM switch is located within that Network Serving Area. Fractions of miles will be rounded up to the nearest whole mile.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

C. Provision of Service (continued)

1. Rates and charges contained in this Section of the Tariff consist of the following elements: (continued)

(b) PVC Feature Charges
PVC Feature Charges are required to establish PVC connections across the ATM network.

I. PVC Segment Charge - A PVC Segment Charge applies for each PVC segment established over a Customer Connection. A PVC Segment Charge is applicable under all ATM PVC service categories.

II. PVC Segment Bandwidth Charge - A PVC Segment Bandwidth Charge is required per PVC segment established under the CBR or VBR PVC service category (but is not applicable to UBR PVCs). PVC bandwidth represents ATM Service network resources required for the non-UBR PVC and is based on the non-UBR PVC's traffic parameters (i.e., PCR, SCR, and MBS). The total charge for this rate element per segment is determined by multiplying the non-UBR PVC segment bandwidth by the PVC Segment Bandwidth Charge, either Per Megabit or Per Increment of 64 Kbps.

III. UBR Service Activation Charge - A UBR Service Activation Charge is applicable for each Customer Connection over which UBR PVCs will traverse. One charge is applicable per Customer Connection regardless of how many UBR PVCs will traverse that Customer Connection.

(c) Inter-Network Serving Area Link PVC Feature Charges

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

C. Provision of Service (continued)

1. Rates and charges contained in this Section of the Tariff consist of the following elements: (continued)

(d) Feature Change Charge

A Feature Change Charge applies for a customer request to change an existing ATM Service PVC feature from the following rates and charges for which there is no nonrecurring charge. (Examples: A Feature Change Charge applies when a customer requests a change in the PVC segment bandwidth required on an existing non-UBR PVC. A Feature Change Charge applies when a customer requests that UBR Service Activation be added to an existing ATM Customer Connection which currently is not activated to carry UBR PVCs if the request does not also include an order for a UBR PVC Segment which carries a nonrecurring charge. A customer request to change the service category of an existing CBR PVC to a VBR-RT PVC would not involve a Feature Change Charge but would be treated as a disconnect of the CBR PVC and a new request for a VBR-RT PVC for which there is a nonrecurring charge.)

Only one Feature Change Charge applies per customer request that involves changes to multiple existing PVCs of the same PVC service category that are provisioned out of the same ATM switch. (For example, one Feature Change Charge would apply per customer request to change the PVC segment bandwidth associated with two existing CBR PVCs provisioned out of the same ATM switch.)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

C. Provision of Service (continued)

2. Certain Company Central Offices are designated by the Company as Serving Area Points (SAPs) for the ATM Service Network Serving Area. A customer accessing the ATM Service network, Whose Serving Wire Center is designated a SAP, will only require a Broadband Exchange Line-FPO as described in this section. An ATM Service customer, whose Serving Wire Center is not designated a SAP, will require a Broadband Exchange Line-FPO to the Serving Wire Center as well as a Broadband Exchange Line Extension-FPO (also described in this section) to gain access to the closest designated SAP.

3. Service Charges for ATM Service are included in the respective nonrecurring charges specified herein. Service Charges from Section 4 of this Tariff are not applicable.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

C. Provision of Service (continued)

4. Should a customer, having locations in more than one Company ATM Network Serving Area within a LATA, desire to send data traffic between these locations, the customer can interconnect these locations through the following two options:

(a) Dedicated Connection:
The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter-serving area connectivity and Broadband Exchange Line Extension-FPOs to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected ATM Network Serving Areas. PVC Feature Charges apply for PVC's through each connection.

(b) Shared Connection:
The Company may establish facilities between ATM Service switching equipment in different Network Serving Areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers a shared connection is an option. The customer must establish one or more Inter-Network Serving Area Links that extend between ATM switches. One PVC exists between both customer premises through each link. Charges for the Inter Network Serving Area Link are applied as follows:

- the Inter-Network Serving Area Link Establishment is charged at each end of the link per PVC

- for CBR or VBR PVCs, the appropriate Inter-Network Serving Area Link PVC Bandwidth Charge is applicable for each end of the link per PVC; for UBR PVCs, an Inter-Network Serving Area UBR PVC Service Activation. Charge applies per PVC for each end of the link, and

- no PVC Segment charges apply.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.2 Regulations (continued)

C. Provision of Service (continued)

5. In some cases, the Company and another Incumbent Local Exchange Company that offers ATM technology will jointly connect ATM switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided connection, the customer must subscribe to one end of an Inter-Network Serving Area Link with either an Inter-Network Serving Area Link PVC Bandwidth Charge (per CBR or VBR PVC) or an Inter-Network Serving Area Link UBR Service Activation Charge (per UBR PVC).

6. For customer locations within LATAs served by an Incumbent Local Exchange Company other than CI², the appropriate ATM Customer Connection charge for mileage associated with transmission speeds of 149.760 Mbps and 599.040 Mbps will be determined by using the airline distance from the switch location to the Company central office within the ATM Network Serving Area which is the closest designated SAP.

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.3 Rates and Charges

A. Customer Connection to ATM Service

	Monthly Rate	Nonrecurring Charge	
1. 1.536 Mbps ATM Service			
(a) Per Customer Connection	$550.00	$595.00	(T)
2. 44.210 Mbps ATM Service			
(a) Per Customer Connection	$3,500.00	$1,225.00	(T)
3. 149.760 Mbps ATM Service			
(a) Per Customer Connection	$5,580.00	$2,175.00	(T)
(b) Per Mile, or fraction thereof[1]	$140.00	$ -	

Note 1: Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area. A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephanie Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.13 Rates and Charges (continued)

A. Customer Connection to ATM Service (continued)

	Monthly Rate	Nonrecurring Charge	
4. 599.040 Mbps ATM Service			
(a) Per Customer Connection			
(b) Per Mile, or fraction thereof[1]	$205.00	$ -	(T)
B. PVC Feature Charges			
1. Constant Bit Rate (CBR) Service Category			
(a) PVC Segment Charge, Per Segment	$5.00	$70.00	(T)
(b) Per Megabit[2] -Bandwidth Charge, Per Segment, or	$40.00	$ -	(T)
(c) Per Increment of 64Kbs[3]- Bandwidth Charge, Per Segment,	$2.60	$ -	(T)

Note 1: Mileage based upon the airline distance of the customer's Serving Area Point from the Company Central Office where the ATM switch is located within that Network Serving Area. A Per Mile Charge does not apply if the ATM switch is located in the customer's serving wire center.

Note 2: The Per MeTNbit Bandwidth Charge is applicable per PVC segment for PVCs with bandwidth greater than 1.536 Mbps.

Note 3: The Per Increment of 64 Kbps Bandwidth Charge is applicable per PVC segment for PVCs with bandwidth less than or equal to 1.536 Mbps

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.3 Rates and Charges (continued)

B. PVC Feature Charges (continued)

	Monthly Rate	Nonrecurring Charge	
2. Variable Bit Rate - Real Time (VBR-RT) Service Category			
(a) PVC Segment Charge, Per Segment	$5.00	$70.00	(T)
(b) Per Megabit[2]- Bandwidth Charge, Per Segment, or	$40.00	$ -	(T)
(c) Per Increment of 64 Kbps[3] - Bandwidth Charge, Per Segment,	$2.60	$ -	(T)

Note 2: The Per Megabit Bandwidth Charge is applicable per PVC segment for PVCs with bandwidth greater than 1.536 Mbps.

Note 3: The Per Increment of 64 Kbps Bandwidth Charge is applicable per PVC segment for PVCs with bandwidth less than or equal to 1.536 Mbps.

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.3 Rates and Charges (continued)

	Monthly Rate	Nonrecurring Charge	
B. PVC Feature Charges (continued)			
3. Variable Bit Rate - Non-Real Time (VBR-NRT) Service Category			
(a) PVC Segment Charge, Per Segment	$5.00	$70.00	(T)
(b) Per Megabit[2]- Bandwidth Charge, Per Segment,	$40.00	$ -	(T)
(c) Per Increment of 64 Kbps[3]- Bandwidth Charge, Per Segment,	$2.60	$ -	(T)

Note 2: The Per Megabit Bandwidth Charge is applicable per PVC segment for PVCs with bandwidth greater than 1.536 Mbps.

Note 3: The Per Increment of 64 Kbps Bandwidth Charge is applicable per PVC segment for PVCS with bandwidth less than or equal to 1.536 Mbps.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephan O Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.3 Rates and Charges (continued)

B. PVC Feature Charges (continued)

4. Unspecified Bit Rate (UBR) Service Category

	Monthly Rate	Nonrecurring Charge	
(a) PVC Segment Charge, Per PVC Segment Per Customer Connection	$5.00	$70.00	(T)
(b) 1.536 Mbps UBR Service Activation Charge	$10.00	$ -	(T)
(c) 44.210 Mbps UBR Service Activation Charge	$250.00	$ -	(T)
(d) 149.760 Mbps UBR Service Activation Charge	$500.00	$ -	(T)
(e) 599.040 Mbps UBR Service Activation Charge	$1,000.00	$ -	(T)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.3 Rates and Charges (continued)

	Monthly Rate	Nonrecurring Charge	
C. Inter-Network Serving Area Link PVC Feature Charges			
1. Inter-Network Serving Area Link PVC Establishment Charge, Per End of Link, Per PVC			
(a) Per establishment	$ -	$35.00	(T)
2. CBR PVC Bandwidth Charge, Per PVC			
(a) Per T-1[1]-Per End of Link ,or	$40.00	$ -	(T)
(b) Per Increment of 64 Kbps[2] –Per End of Link	$2.60	$ -	(T)
3. VBR-RT PVC Bandwidth Charge, PVC			
(a) Per T-1[1]-Per End of Link, or	$40.00	$ -	(T)
(b) Per Increment of 64 Kbps[2]- Per End of Link	$2.60	$ -	(T)

Note 1: The Per T-1 Bandwidth Charge is applicable per End of Link for PVCs with bandwidth greater than 1.536 Mbps.

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per End of Link for PVCs with bandwidth less than or equal to 1.536 Mbps.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephanie Bell
SECRETARY OF THE COMMISSION

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.1 Asynchronous Transfer Mode (ATM) Service (continued)

5.1.3 Rates and Charges (continued)

C. Inter-Network Serving Area Link PVC Feature Charges (continued)

4. VBR-NRT PVC Bandwidth Charge, Per PVC

	Monthly Rate	Nonrecurring Charge	
(a) Per T-1[1]-Per End of Link, or	$40.00	$ -	(T)
(b) Per Increment of 64 Kbps[2]-Per End of Link	42.60	$ -	(T)

5. UBR PVC Service Activation Charge, Per PVC

(a) Per End of Link	$40.00	$ -	(T)

D. Feature Change Charge

1. Per Occurrence

(a) Per Feature	$ -	$75.00	(T)

Note 1: The Per Megabit Bandwidth Charge is applicable per End of Link for PVCs with bandwidth greater than 1.536 Mbps.

Note 2: The Per Increment of 64 Kbps Bandwidth Charge is applicable per End of Link for PVCs with bandwidth less than or equal to 1.536 Mbps.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service

5.2.1 General

A. Frame Relay Service is a connection-oriented data transport service based on packet switching technology.

B. Frame Relay Service provides flexible connectivity using Permanent Virtual Circuits (PVCs) implemented over digital facilities operating at transmission speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps.

C. Network interface specifications for Frame Relay Service are contained in the following documents:

- ANSI TI.617-1991, "Integrated Services Digital Network (ISDN) - Digital Customer Signaling System No. I (DSSI)"

- "Signaling Specification for Frame Relay Service", American National Standards Institute, April 1991 and ANSI TI.618-1991, "Integrated Services Digital Network (ISDN) - Core Aspects of Frame Relay Protocol for use with Frame Relay Bearer Service", American National Standards Institute, April 1991. Both of these documents may be ordered from:

  American National Standards Institute
  Customer Service
  11West 42nd Street
  New York, New York 10036

- Document No. 001-208966, "Frame Relay Specification with Extension Based on Proposed TISI Standards", Revision 1.0, Digital Equipment Corporation, Northern Telcom, Inc., and StrataCom, Inc., September 1990. This document may be ordered from:

  Frame Relay Forum
  39355 California Street
  Suite 307
  Freemont, CA 94538-1447

- TR-73587 Frame Relay Service Interface and Performance Specifications. This document may be ordered from:

  BellSouth Telecommunications, Inc.
  Regional Documentation Coordinator
  20th Floor
  600 North 19th Street
  Birmingham, AL 35203

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.1 General (continued)

D. Frame Relay Service, as provided for in this Tariff section, is offered for intraLATA use only.

E. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other Tariffs of the Company.

F. The rates and charges set forth for Frame Relay Service provide for the furnishing of service where suitable facilities are available.

G. Frame Relay Service is only available when provided in conjunction with Broadband Exchange Line Service. Specifications for Broadband Exchange Line Service are contained in this section of the Tariff.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.2 Regulations

A. Explanation of Terms

1. Customer Connection to Frame Relay Service
The Customer Connection provides the customer with the standard interface to the Frame Relay Service network. This interface receives the data frame from the customer's network or device and verifies that the DLCI is valid before relaying the frame to the destination. Included in the Customer Connection are the customer's termination on the Frame Relay Service switching equipment, the transport from the Serving Area Point to the switching equipment, and the first DLCI. These interfaces connect the Frame Relay Service network with digital facilities operating at transmission speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps.

2. Frame Relay Service Network Serving Area
Certain Company Central Offices are designated by the Company as Serving Area Points for the Frame Relay Service Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a Serving Area Point, requires a Broadband Exchange Line-Fast Packet Option (FPO) as described in this Tariff. A Frame Relay Service customer, whose Serving Wire Center is not designated a Serving Area Point, will use a Broadband Exchange Line-FPO to the Wire Center, as well as, the Broadband Exchange Line Extension-FPO to gain access to the closest designated Serving Area Point.

3. Permanent Virtual Circuit (PVC)
A software defined data path transporting data within the Frame Relay Service network between two Customer Connections. This data path, once defined in the network software, does not have to be established again. PVCs are end-to-end, bi-directional channels that are established via the service provisioning process.

4. Data Link Connection Identifier
The Frame Relay standard specifies an address field called the Data Link Connection Identifier (DLCI). The DLCI specifies a connection. When any two DLCIs are mapped together, a PVC can be created.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.2 Regulations (continued)

A. Explanation of Terms (continued)

5. Committed Information Rate (CIR)
Committed Information Rate is a feature that enables the customer to select a sustained throughput under normal conditions. A CIR must be selected for each DLCI. A CIR selected with a value greater dim zero has a separate charge from any DLCI charges. Frames submitted at a rate above the subscribed CIR will be marked "discard eligible" (DE) and, should network congestion occur, are subject to being dropped by the network. If CIR is set equal to zero, then all frames will be marked DE. However, in the absence of network congestion, DE marked frames will be transported with the same reliability as frames not marked DE within a single, Company Frame Relay Switch. The CIR value selected cannot exceed the minimum transmission speed of the link at either end of the PVC.

6. Feature Change Charge
In addition to any specific optional feature charges, a Feature Change Charge applies whenever a change is made (at the customer's request) to a single optional feature for a single customer within a single network configuration on a single switch within a single jurisdiction. Although multiple changes may be caused by such actions, only one Feature Change Charge will apply.

A Feature Change Charge is applicable if the "first" DLCI, the one included with the Customer Connection, is modified.

Feature Change Charges apply as specified in this tariff for specific activities associated with Frame Relay Back-Up Capability.

7. Serving Area Point (SAP)
A Company Central Office that is designated as a member of the Frame Relay Service Network Serving Area. (See the definition of Frame Relay Service Network Serving Area preceding.)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.5.2 Regulations (continued)

A. Explanation of Terms (continued)

8. Back-Up Capability

Back-Up Capability is available on an optional basis and provides the customer with the ability to have a back-up logical port configured to his service needs in the event that the customer's primary connection is disabled. A Back-Up Frame Relay Customer Connection utilizes a Broadband Exchange Line (with Broadband Exchange Line Extension Service, as appropriate). Both the Back-Up Frame Relay Customer Connection and its associated Broadband Exchange Line Service are specifically dedicated to providing back-up service and remain idle except when being utilized for back-up purposes.

The customer must prearrange with the Company which primary Frame Relay Customer Connections(s) may be directed to a specific Back-Up Frame Relay Customer Connection so that the necessary work is done by the Company which is required prior to back-up capability being possible. A Frame Relay Customer Connection so identified which may be redirected in the event of a failure is referred to as a back-up enabled primary connection. A back-up enabled primary connection may have only one Back-Up Frame Relay Customer Connection identified; however, a Back-Up Frame Relay Customer Connection may serve as the back-up for more than one back-up enabled primary connection.

The Back-Up Frame Relay Customer Connection is manually activated by the Company when the customer requests service from a back-up enabled primary connection to be redirected to its pre-identified back-up connection. All DLCIs associated with the primary customer connection are rerouted to the back-up connection. In the event that the customer chooses to utilize a Back-Up Frame Relay Customer Connection which is of a lower speed than the primary connection, network congestion may be encountered which may result in packets of data being discarded.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.2 Regulations (continued)

B. Basis of Offering

1. Detailed monthly billing is not provided.

2. Suspension of service is not allowed.

3. Obligations of Customer and Company

   (a) The Company is not responsible for the installation, operation, or maintenance of any equipment provided by the customer.

   (b) The customer is responsible for the provision and maintenance of all Customer Provided Equipment (CPE) and to ensure that the operating characteristics of this equipment are compatible with and do not interfere with the service offered by the Company.

   (c) The maximum number of DLCIs per Customer Connection is subject to the characteristics of the customer's data traffic. Thus, the number of DLCIs per Customer Connection must be negotiated between the customer and the Company at the establishment of the Customer Connection and subsequent to the establishment should the traffic characteristics change. A maximum of 250 DLCIs may be established across a single Customer Connection.

4. In order to maintain the quality of Frame Relay Service, the Company reserves the right to perform preventive maintenance of software updates to the network. This could result in Frame Relay Service being unavailable during the time period between 2:00 A.M. and 4:00 A.M. Eastern Time on any given Wednesday or Sunday morning. However, the Company only expects to utilize this maintenance window for any given switch on the average of once a quarter. In addition, the Company will make every reasonable effort to provide advance notice to those customers likely to be severely affected by such maintenance work. This maintenance window may be adjusted by the Company upon written notice to the customer.

5. The minimum service period is one month.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.2 Regulations (continued)

C. Provision of Service

1. Rates and charges contained in this Section of the Tariff consist of the following elements:

   (a) Customer Connection to Frame Relay Service

   (b) Back-Up Capability

   (c) Frame Relay Service Features

2. Certain Company Central Offices are designated by the Company as Serving Area Points (SAPS) for the Frame Relay Service Network Serving Area. A customer accessing the Frame Relay Service network, whose Serving Wire Center is designated a SAP, will only require a Broadband Exchange Line-FPO as described in this Tariff. A Frame Relay Service customer, whose Serving Wire Center is not designated a SAP, will require a Broadband Exchange Line-FPO to the Serving Wire Center, as well as, a Broadband Exchange Line Extension-FPQ to gain access to the closest designated SAP.

3. The Customer Connection rate element, includes the customer's transport from a Serving Area Point to the Frame Relay Service switching equipment, the customer's termination on the Frame Relay Service switching equipment, and one DLCI.

4. Service Charges for Frame Relay Service are included in the respective nonrecurring charges specified herein. Service Charges from Section 4 of this Tariff are not applicable.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.2 Regulations (continued)

C. Provision of Service (continued)

5. Should a customer, having locations in more than one Frame Relay Network Serving Area within a LATA, desire to send data traffic between these locations, the customer can interconnect these locations through the following two options:

(a) Dedicated Connection:
The customer subscribes to additional Customer Connections (in each Network Serving Area) which are enabled to support inter-serving area connectivity and Broadband Exchange Line Extension-FPOs to connect them. These additional rate elements will be used solely to transport this customer's data traffic between affected Frame Relay Network Serving Areas. Feature Charges apply for DLCI and CIR associated with the PVCs through each connection.

(b) Shared Connection:
The Company may establish facilities between Frame Relay Service switching equipment in different Network Serving areas in the same LATA and may allow customers to share bandwidth on these facilities; where these shared facilities are available to customers, a shared connection is an option. The customer must establish one or more Inter-Network Serving Area Links that extend between Frame Relay switches. Each of these links has an associated CIR. One PVC exists between both customer premises through each link. All CIRs on this PVC must have the same value. Charges for the Inter-Network Serving Area Link are applied as follows:

- the Inter-Network Serving Area Link Establishment is charged at each end of the link,
- the Inter-Network Serving Area Link CIR is charged at each end of the link, and
- no DLCI charges apply.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

5.2 Frame Relay Service (continued)

5.2.2 Regulations (continued)

C. Provision of Service (continued)

6. In some cases, the Company and another Incumbent Local Exchange Company that offers Frame Relay technology will jointly connect Frame Relay switching equipment within a LATA to provide customers the ability to interconnect their locations served by the different companies. In order to utilize the Company's portion of this jointly provided shared connection, the customer must subscribe to one end of an Inter-Network Serving Area Link and the associated CIR.

7. Based upon Frame Relay Forum Implementation Agreement 5, a Frame Relay end user may send data from a premises location with a Frame Relay User Network Interface (UNI) or a Network to Network Interface (NNI) to another premises with an Asynchronous Transfer Mode (ATM) Service UNI. The Frame Relay data is essentially encapsulated in the ATM Service bit stream and must be retrieved by the end-user's CPE as Frame Relay. To enable this feature, the customer must establish one or more Frame Relay/ATM interworking links that extend between the switches. Each of these links has an associated CIR. One PVC exists between these switches through this link. All CIRs on this PVC must have the same value.

The following charges apply for this Frame Relay/ATM Network Interworking feature:

- the Inter-Network Serving Area Link Establishment is charged at each end of this link, and
- the Inter-Network Serving Area Link CIR is charged at each end of this link, and
- no DLCI charges apply.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.2 Regulations (continued)

C. Provision of Service (continued)

8. To have Back-Up Capability as an option, the customer is required to have a Back-Up Frame Relay Customer Connection and a separate Broadband Exchange Line (with Broadband Exchange Line Extension Service, as appropriate) which are designated specifically for back-up purposes.

   Monthly rates and nonrecurring charges applicable for a Back-Up Frame Relay Customer Connection are provided following. Monthly rates and nonrecurring charges for Broadband Exchange Line Service are found in section 5.3.3.

   The activation of a Back-Up Frame Relay Customer Connection via the rerouting of traffic from a back-up enabled primary connection to the back-up is a manual operation performed by the company at the direction of the customer; a Feature Change Charge applies per request. At the direction of the customer, the Company will subsequently then redirect traffic from the Back-Up Frame Relay Customer Connection to the primary connection; a Feature Change Charge applies per request.

   A Feature Change Charge is applicable for each DLCI, on an existing Customer Connection which is requested by the customer to be back-up enabled. A Feature Change Charge is customer requests a reassignment of that primary connection to a different back-up connection.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.3 Rates and Charges

A. Customer Connection to Frame Relay Service

1. A minimum of one Customer Connection is required per customer to subscribe to Frame Relay Service. Each Customer Connection includes one DLCI

	Monthly Rate	Nonrecurring Charge	
(a) at 56 Kbps	$85.00	$$25.00	(T)
(b) at 64 Kbps	$85.00	$425.00	(T)
(c) at 112 Kbps	$120.00	$475.00	(T)
(d) at 128 Kbps	$120.00	$475.00	(T)
(e) at 192 Kbps	$240.00	$475.00	(T)
(f) at 256 Kbps	$307.00	$475.00	(T)
(g) at 320 Kbps	$345.00	$475.00	(T)
(h) at 384 Kbps	$435.00	$550.00	(T)
(i) at 448 Kbps	$435.00	$550.00	(T)
(j) at 512 Kbps	$435.00	$550.00	(T)
(k) at 576 Kbps	$435.00	$550.00	(T)
(l) at 640 Kbps	$435.00	$550.00	(T)
(m) at 704 Kbps	$435.00	$550.00	(T)
(o) at 768 Kbps	$435.00	$550.00	(T)
(p) at 1024 Kbps	$435.00	$550.00	(T)
(q) at 1152 Kbps	$435.00	$550.00	(T)
(n) at 1.536 Mbps	$435.00	$550.00	(T)
(o) at 44.210 Mbps	$3,500.00	$1,225.00	(T)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.3 Rates and Charges (continued)

A. Back-Up Capability
On an optional basis a customer may choose to have Back-Up Capability for his Frame Relay Service. A minimum of one Back-Up Frame Relay Customer Connection is required in order to have Back-Up Capability.

1. Back-Up Frame Relay Customer Connection

	Monthly Rate	Nonrecurring Charge	
(a) at 56 Kbps	$40.00	$400.00	(T)
(b) at 64 Kbps	$40.00	$400.00	(T)
(c) at 1.536 Mbps	$328.00	$525.00	(T)
(d) at 44.210 Mbps	$2,800.00	$1,225.00	(T)

C. Frame Relay Service Feature Charges

1. DLCI

(a) Additional

I. Per Customer Connection

(i) Each	$2.00	$27.00	(T)

2. Committed Information Rate (CIR)

(a) The chosen CIR cannot exceed the minimum transmission speed of the link at either end of the PVC.

I. Per DLCI

(i) 0 Kbps	$ -	$ -	(T)
(ii) 1 thru 32 Kbps	$8.00	$ -	(T)
(iii) 33 thru 56 Kbps	$13.00	$ -	(T)

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.3 Rates and Charges (continued)

C. Frame Relay Service Feature Charges (continued)

2. Committed Information Rate (CIR) (continued)

I. Per DLCI (continued)

	Monthly Rate	Nonrecurring Charge	
(iv) 57 thru 64 Kbps	$14.00	$ -	(T)
(v) 65 thru 128 Kbps	$19.00	$ -	(T)
(vi) 129 thru 256 Kbps	$29.00	$ -	(T)
(vii) 257 thru 384 Kbps	$41.00	$ -	(T)
(viii) 385 thru 512 Kbps	$51.00	$ -	(T)
(ix) 513 thru 768 Kbps	$93.00	$ -	(T)
(x) 769 Kbps thru 1.536 Mbps	$140.00	$ -	(T)
(xi) 1.537 thru 4 Mbps	$200.00	$ -	(T)
(xii) 4.1 thru 10 Mbps	$370.00	$ -	(T)
(viii) 10.1 thru 16 Mbps	$650.00	$ -	(T)
(ix) 16.1 thru 34 Mbps	$1, 700.00	$ -	(T)
(x) 34. 1 thru 44.2 10 Mbps	$2,200.00	$ -	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 0 1 2002

SECTION 9 (1)
BY THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.2 Frame Relay Service (continued)

5.2.3 Rates and Charges (continued)

C. Frame Relay Service Feature Charges (continued)

3. Feature Change Charge

	Monthly Rate	Nonrecurring Charge	
(a) Per occurrence, per feature	$ -	$28.00	(T)

4. Inter-Network Serving Area Link

(a) Per End of Link

I. Link

(i) Per establishment	$ -	$10.00	(T)

II. CIR

(i) 0 thru 32 Kbps	$10.00	$ -	(T)
(ii) 33 thru 56 Kbps	$15.00	$ -	(T)
(iii) 57 thru 64 Kbps	$16.00	$ -	(T)
(iv) 65 thru 128 Kbps	$20.00	$ -	(T)
(v) 129 thru 256 Kbps	$35.00	$ -	(T)
(vi) 257 thru 384 Kbps	$55.00	$ -	(T)
(vii) 385 thru 512 Kbps	$70.00	$ -	(T)
(viii) 513 thru 768 Kbps	$150.00	$ -	(T)
(ix) 769 Kbps thru 1.536 Mbps	$225.00	$ -	(T)
(x) 1.537 thru 4 Mbps	$500.00	$ -	(T)
(xi) 4.1 thru 10 Mbps	$650.00	$ -	(T)
(xii) 10.1 thru 16 Mbps	$800.00	$ -	(T)
(xiii) 16.1 thru 34 Mbps	$2,100.00	$ -	(T)
(xiv) 34.1 thru 44.210 Mbps	$2,500.00	$ -	(T)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service

5.3.1 General

A. Broadband Exchange Line Service provides the customer with a local connection to high speed frame or cell-based switched services.

B. Broadband Exchange Line Service is available under options. Rates, charges, and regulations specific to these options are in later subsections of this Tariff section. The Fast Packet Option is described following.

C. Network interface specifications for Broadband Exchange Line Service are contained in BellSouth Technical Reference 73590. This publication is available from:

BellSouth Telecommunications, Inc.
Documentation Operations
20th Floor
600 North 19th Street
Birmingham, AL 35203

D. Broadband Exchange Line Service, as provided for in this Tariff section, is offered for intraLATA use only.

E. The regulations and rates specified herein are in addition to the applicable regulations and rates specified in other sections of this and other Tariffs of the Company.

F. The rates and charges set forth for Broadband Exchange Line Service provide for the furnishing of service where suitable facilities are available. Where special construction of facilities is necessary, special construction charges may apply.

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service continued)

5.3.2 Regulations

A. Explanation of Terms

1. Broadband Exchange Line
The link from the customer's premises to the customer's Serving Wire Center.

2. Broadband Exchange Line Extension
When a customer's Serving Wire Center is not a Serving Area Point, a Broadband Exchange Line Extension is used to connect the Serving Wire Center to the closest Serving Area Point. The Broad band Exchange Line Extension is associated with a Broadband Exchange Line. The Broadband Exchange Line Extension is measured on a per mile basis in airline miles from a Central Office that is not a Serving Area Point to a Serving Area Point.

3. Network Serving Area
Certain Company Central Offices are designated Serving Area Points. A Network Serving Area is comprised of all the Serving Area Points in a geographic area.

4. Serving Area Point
A Company Central Office that is designated as a member of the Network Serving Area.

B. Basis of Offering

1. Detailed monthly billing is not provided.

2. Suspension of service is not allowed.

3. The minimum service period is one month.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.2 Regulations (continued)

C. Connections

The design, maintenance, and operation of Broadband Exchange Line Service contemplates data communications originating or terminating at stations of the customer.

1. Obligations of Customer

(a) When customer provided equipment (CPE) is connected with Broadband Exchange Line Service, the customer or authorized user must provide equipment to perform the function of the Digital Terminating Equipment (DTE). The DTE provided by the customer is required at a customer's premises to perform such functions as:

- Proper termination of service
- Amplification
- Signal shaping
- Remote loopback

(b) Where Broadband Exchange Line Service is available under this Tariff for use in connection with customer provided equipment (CPE), the operating characteristics of such equipment shall be such as not to interfere with any of the services offered by the Company. Such use is subject to the further provisions that the CPE does not endanger the safety of Company employees or the public; damage, require change in, or alteration of the equipment or other facilities of the Company; interfere with the proper functioning of such equipment or facilities; impair the operation of the Company's facilities or otherwise injure the public in its use of the Company's services. Upon notice from the Company that the equipment provided by a customer is causing or is likely to cause such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.2 Regulations (continued)

C. Connections (continued)

1. Obligations of Customer (continued)

(c) When CPE is connected to Broadband Exchange Line Service, the customer shall be responsible for:

I. Compatibility of the CPE to Broadband Exchange Line Service. This includes replacing the DTE due to technological changes in the network, and
II. Testing and sectionalization and clearance of trouble conditions or service difficulties on any CPE which is connected to Broadband Exchange Line Service.

(d) The customer's responsibility shall include cooperative testing with the Company as may be necessary.

2. Responsibility of the Company

(a) The Company shall not be responsible for installations, operation, or maintenance of any CPE. Where such CPE is connected to Company facilities, the responsibility of the Company shall be limited to the furnishing of facilities suitable for Broadband Exchange Line Service and to the maintenance and operation of such facilities in a manner proper for such service. Subject to this responsibility, the Company shall not be responsible for:

I. The through transmission signals generated by such equipment, or for the quality of, or defects in, such transmission,

II. The reception of signals by such equipment, or

III. Damage to CPE provided by a customer to an authorized user during testing.

(b) The Company shall not be responsible to the customer, if changes in any of the facilities, operations, or procedures of the Company utilized in provisioning of Broadband Exchange Line Service render any facilities provided by a customer obsolete or require modifications or alteration of such equipment or otherwise affect its use or performance.

(c) The Company undertakes to maintain and repair the facilities which it furnishes. The customer may not rearrange, disconnect, remove, or attempt to repair any equipment installed by the Company without prior written consent of the Company.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.2 Regulations (continued)

D. Provision of Service

1. Rates and charges contained in this Section of the Tariff consist of the following elements:

   (a) Broadband Exchange Line

   (b) Broadband Exchange Line Extension

   (c) Move Charges

2. Service charges for Broadband Exchange Line Service are included in the respective nonrecurring charges specified herein. Service Charges from Section 4. of this Tariff are not applicable.

3. A move involves a change in the physical location of one of the following:
   - the point of interface at the customer's premises
   - the customer's premises

4. The charges for the move are dependent upon whether the move is located within the same building or to a different building.

   (a) Moves Within the Same Building
   When the move is to a new location within the same building, the charge for the move will be an amount equal to one-half the nonrecurring charge for the affected service termination at the customer's premises. There will be no change in the minimum period requirements.

   (b) Moves to a Different Building
   Moves to a different building, other than addressed in c. following, will be treated as a discontinuance and start of service and all associated nonrecurring charges will apply. New minimum period requirements will be established at the new location. The customer will also remain responsible for satisfying all outstanding minimum period charges for the discontinued service.

   (c) Moves of Service(s) under Fast Packet SPP
   Customer requests for moves of service under Fast Packet SPP, other than inside moves, will be subject to the conditions stated in this Tariff.

5. Service may be connected to connecting companies' service areas. In cases where the Company has established Broadband Services contractual arrangements with that company, service will be provided under the terms in this Tariff. Where contractual arrangements do not exist, the Company will apply alternative tariff rates to the service in the connecting company's area or the connecting company may bill its charges directly to the customer.

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO)

A. General

1. The Fast Packet Option (FPO) of Broadband Exchange Line Service is only available when used in conjunction with Frame Relay Service, Connectionless Data Service (CDS), Asynchronous Transfer Mode (ATM) Service, or Multipoint Video Conferencing Service (MVCS). Specifications for Frame Relay Service, CDS specifications, ATM Service specifications are contained in this section of the Tariff. Specifications for MVCS are contained in this Tariff.

2. he Fast Packet Option is used to connect a customer premises with the Frame Relay, CDS, ATM or MVCS Network Serving Areas.

3. he Fast Packet Option is designed to transmit digital data signals at speeds of 56 Kbps, 64 Kbps, 128 Kbps, 1.536 Mbps, or 44.210 Mbps, 149.760 Mbps, or 599.040 Mbps.

4. The Broadband Exchange Line Extension-FPO may be used by the customer for two other functions besides connecting the customer's Serving Wire Center to a Serving Area Point.

   Also, when the Fast Packet Option is provided in association with T-1 channel service to connect customer locations to Frame Relay Service or CDS, the Broadband Exchange Line Extension-FPO may be used. This use occurs if the Central Office where the channelization exists for T-1 channel service is not a Frame Relay or CDS Serving Area Point, then a Broadband Exchange Line Extension-FPO is required to connect the Central Office where the channelization occurs to the closest Serving Area Point.

5. The Fast Packet Option may be provided in association with T-1 channel service to connect a customer location to Frame Relay Service or CDS. Rates, regulations, and charges for T-1 channel service are provided in Section 8 of this Tariff. DS1 facilities being channelized via T-1 channel service to be associated with the Fast Packet Option must be provisioned with Bipolar with 8 Zero Substitution (B8ZS) and Extended Superframe (ESF) if such service is to support a customer connection that is 64 Kbps or a higher speed that is a multiple of 64 Kbps.

6. The Fast Packet Option operating at a transmission speed of 1.536 Mbps must be provisioned with Bipolar with 8 Zero Substitution (B8ZS) and Extended Superframe (ESF) if such service is to support a customer connection that is 64 Kbps or a higher speed that is a multiple of 64 Kbps.

7. If, prior to fulfilling the period of a contract plan, the customer requests a change in transmission speed on a Fast Packet Option (to a higher or lower speed), a Termination Liability Charge will not be applied, if at the date of termination the applicable conditions set forth in this Tariff are satisfied.

8. One-half of the nonrecurring charge(s) for the applicable rate elements apply if the customer requests a change in transmission speed on a Fast Packet Option (to a higher or lower speed).

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO) (continued)

A. General (continued)

9. The Fast Packet Option operating at a transmission speed of 149.760 Mbps or 599.040 Mbps is fiber optic based.

10. Specifications for the Fast Packet Option operating at a transmission speed of 128 Kbps using 2BIQ technology are contained in the following documents:

- ANSI T1.601, "Integrated Services Digital Network (ISDN) Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer I Specification)". This document may be ordered from:

  American National Standards Institute, Inc.
  11 W. 42nd Street
  New York, New York 10036

- Bell Communications Research TR-TSY-000829, "Operations Technology Generic Requirements (OTGR): Generic Operations Interfaces Embedded Operations Channels". This document may be ordered from:

  BellCore - Customer Services
  8 Corporate Place - Room 3CI83
  Piscataway, New Jersey 08854-4156

11. A 128 Kbps Frame Relay Service or CDS Customer Connection may interface with a Fast Packet Option operating at a transmission speed of either 128 Kbps (2BIQ) or 1.536 Mbps. If an Extension capability operating at 128 Kbps is necessary, two 64 Kbps Broadband Exchange. Line Extensions are required

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO) (continued)

B. Rates and Charges for the Fast Packet Option

1. Broadband Exchange Line-FPO

	Monthly Rate	Nonrecurring Charge	
(a) 56 Kbps	80.00	$540.00	(T)
(b) 64 Kbps	$80.00	$540.00	(T)
(c) 128 Kbps	$105.00	$540.00	(T)
(d) 1.536 Mbps	$155.00	$555.00	(T)
(e) 44.210 Mbps	$1,500.00	$1,000.00	(T)
(f) 149.760 Mbps	$2,550.00	$1,800.00	(T)
(g) 599.040 Mbps	$5,100.00	$3,600.00	(T)

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO) (continued)

B. Rates and Charges for the Fast Packet Option (continued)

2. Broadband Exchange Line Extension-FPO

	Monthly Rate	Nonrecurring Charge	
(a) An Extension less than 20 miles			
I. Per Extension			
(i) 56 Kbps	$25.00	$85.00	(T)
(ii) 64 Kbps	$25.00	$85.00	(T)
(iii) 1.536 Mbps	$165.00	$145.00	(T)
(iv) 44.210 Mbps	$4,000.00	$350.00	(T)
(v) 149.760 Mbps	$5,000.00	$750.00	(T)
(vi) 599.040 Mbps	$12,505.00	$1,500.00	(T)

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO) (continued)

B. Rates and Charges for the Fast Packet Option (continued)3

2. Broadband Exchange Line Extension-FPO (continued)

	Monthly Rate	Nonrecurring Charge	
(b) An Extension 20 - 50 miles			
I. Per Extension			
(i) 56 Kbps	$35.00	$85.00	(T)
(ii) 64 Kbps	$35.00	$85.00	(T)
(iii) 1.536 Mbps	$285.00	$145.00	(T)
(iv) 44.210 Mbps	$4,500.00	$350.00	(T)
(v) 149.760 Mbps	$6,785.00	$750.00	(T)
(vi) 599.040 Mbps	$14,890.00	$1,500.00	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephen Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO) (continued)

B. Rates and Charges for the Fast Packet Option (continued)

2. Broadband Exchange Line Extension-FPO (continued)

	Monthly Rate	Nonrecurring Charge	
(c) An Extension 51 - 75 miles			
I. Per Extension			
(i) 56 Kbps	$55.00	$85.00	(T)
(ii) 64 Kbps	$55.00	$85.00	(T)
(iii) 1.536 Mbps	$385.00	$145.00	(T)
(iv) 44.210 Mbps	$5,035.00	$350.00	(T)
(v) 149.760 Mbps	$7,935.00	$750.00	(T)
(vi) 599.040 Mbps	$17,075.00	$1,500.00	(T)
(d) An Extension 76 - 100 miles			
I. Per Extension			
(i) 56 Kbps	$65.00	$85.00	(T)
(ii) 64 Kbps	$65.00	$85.00	(T)
(iii) 1.536 Mbps	$505.00	$145.00	(T)
(iv) 44.210 Mbps	$6,290.00	$350.00	(T)
(v) 149.760 Mbps	$9,140.00	$750.00	(T)
(vi) 599.040 Mbps	$19,290.00	$1,500.00	(T)

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO) (continued)

B. Rates and Charges for the Fast Packet Option (continued)

2. Broadband Exchange Line Extension-FPO (continued)

	Monthly Rate	Nonrecurring Charge	
(e) An Extension 101 - 125 miles			
I. Per Extension			
(i) 56 Kbps	$75.00	$85.00	(T)
(ii) 64 Kbps	$75.00	$85.00	(T)
(iii) 1.536 Mbps	$605.00	$145.00	(T)
(iv) 44.210 Mbps	$6,290.00	$350.00	(T)
(v) 149.760 Mbps	$9,890.00	$750.00	(T)
(v) 599.040 Mbps	$21,530,00	$1,500.00	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

807 KAR 5:011.
SECTION 9 (1)
BY: Stephan O Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 5 – FAST PACKET TRANSPORT SERVICES

5.3 Broadband Exchange Line Service (continued)

5.3.3 Fast Packet Option (FPO) (continued)

B. Rates and Charges for the Fast Packet Option (continued)

2. Broadband Exchange Line Extension-FPO (continued)

	Monthly Rate	Nonrecurring Charge	
(f) An Extension Over 125 miles			
I. Per Extension			
(i) 56 Kbps	$85.00	$85.00	(T)
(ii) 64 Kbps	$85.00	$85.00	(T)
(iii) 1.536 Mbps	$705.00	$145.00	(T)
(vii) 44.210 Mbps	$8,150.00	$350.00	(T)
(viii) 149.760 Mbps	$12,225.00	$750.00	(T)
(ix) 599.040 Mbps	$30,645.00	$1,500.00	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

BY THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI)

6.1.1 General

A. Basic Rate ISDN – (BRI) is offered only under a Flat Rate Threshold Pricing Plan this plan allows up to 320 hours of use each month per DSL at the flat rate. Minutes of use rates will apply for all usage above the 320 hours per DSL threshold.
A minimum service period of three months will be required on the Flat Rate Threshold Pricing Plan. Termination Charges as defined in this tariff will apply if the customer terminates or disconnects the service prior to fulfilling the three months period.

B. BRI is an intraLATA group of offerings supported by the Integrated Services Digital Network (ISDN) architecture. BRI supports simultaneous transmission of voice, data, and packet services on the same exchange access line. Calling/Called Number Delivery and Call Hold are included with this service. BRI is available where facilities permit.

C. BRI provides a method of access to the telephone network called Basic Rate Access. Basic Rate Access will consist of one or two 64 Kbps (B) channels and one 16 Kbps (D) channel at the delivery service point.

D. BRI is provided through Basic Rate Access. Features are available to increase the capability of the Bearer Alternative Service and may be subscribed to on an as needed basis.

E. B channel circuit switched services offer up to 64 Kbps intra-office transmission of voice and data. This option permits the customer to utilize either circuit voice or data transmission paths on a per call selection basis. Transmission on the B channel will be circuit switch and/or equipped facilities between ISDN compatible central offices. ISDN interconnection to non-ISDN equipped central offices will be potentially subjected to analog transmission or sub-rated to 56 Kbps. This option includes one directory number (DN).

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.1 General (continued)

F. The following parameter may be provided with Packet Switched B channel and D channel Services: Each B channel packet terminal will be provided logical channels up to the technical capability of the serving central office.

Each logical channel can carry an independent call with throughput of up to 64 Kbps.

Each D channel packet terminal will be provided logical channels up to the technical capabilities of the serving central office.

Each logical channel can carry an independent call with throughput of up to 9.6 Kbps. Each logical channel may be established as one of the following types:
- Two-Way Switched Virtual circuit (default)
- One-Way Incoming Switched Virtual Circuit
- One-Way Outgoing Switched Virtual Circuit

1. Flow Control Parameter Negotiation – This parameter negotiates on a per call basis the flow control parameters. This consists of automatic negotiation of the maximum packet size for each direction of data transmission.

2. Throughput Class Negotiation – This parameter allows the calling station to request specific throughput classes in the call request packet for both directions of data transmission.

3. Recognized Private Operation Agency (RPOA) Selection – This parameter allows an ISDN user to specify an interLATA carrier (IC) for packet-switching on a per-call basis when the customers want it different from presubscribed IC.

4. Interexchange Packet – Pre-select – This parameter allows an ISDN user to specify an interLATA carrier for packet switching at the time of subscription.

5. Fast Select Option – This parameter permits user data to be passed in the call set up packets of a virtual call.

6. Reverse Charging Option – This parameter permits the data communications equipment to transmit incoming calls requesting reverse charging to the user. The user must be subscribed to the destination line for X.25 Reverse Charge calls to be completed. If not, the call requesting reverse charging is refused.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.1 General (continued)

G. Optional B channel packet services are defined as follows and may be ordered at an additional charge.

1. B channel packet services are available in the following options. Each B channel packet terminal will be provided logical channels up to the technical capability of the central office. Each logical channel can carry an independent call with a throughput of up to 64 Kbps. These options include one data telephone number per option.

(a) Dedicated High Speed Packet Switched Data - This option permits the customer to establish packet data calls at speeds greater than 9.6 Kbps on the B channel.

(b) On-Demand High Speed Packet Switched Data - This allows users to use a B channel for packet switching on demand. This feature may be used in either a multipoint or a point-to-point environment. A B channel is allocated based on user preference and on B channel availability. The user competes with all other users on the Basic Rate Interface for access to the B channel (5ESS/EWSD).

H. D channels are equipped for Low Speed Packet Switched Data. This allows packet data (X.25) to be transmitted up to 9.6 Kbps on the D channel. Service includes logical channels up to the technical capability of the central office. Multiple packet calls can be active simultaneously by a user on a single D channel. Up to eight data terminals can be supported per Basic Rate Access Service includes one data telephone number.

I. BRI will consist of the following components:
- Basic Rate Digital Customer Line (DSL) Access
- At least one channel, either B or D, must be activated. A maximum of two simultaneous B channels can be in use per Basic Rate Access.
- Minimum of one and maximum of eight User Profiles per Basic Rate Digital Customer Line (DSL) Access Arrangement.

J. Grouping Service (Hunting) is available for ISDN Individual Service.

K. BRI lines under the Flat Rate Threshold Pricing Plan will be an exception to Section 2 of this Tariff and can be mixed with either flat rate, message or measured lines at the same location.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.2 Regulations

A. Customer Premises Equipment (CPE) that is compatible with the ISDN Interface is the responsibility of the user for provisioning.

B. The Company will be responsible for publishing and maintaining ISDN Interface Specifications.

C. The Company shall not be responsible if changes in any of the equipment, operations, or procedures of the Company utilized in the provision of Basic Rate Access render any facilities provided by the customer obsolete or require modification or alteration of such equipment or system, or otherwise affect its use or performance.

D. Suspension of service is not allowed. Suspension at the request of the customer will be allowed on the B channel portion of these main station lines at fifty percent of the rate regularly charged. Optional features in this Tariff will be suspended at no recurring charge during the period of suspension unless otherwise noted. Other rules and restrictions as outlined in Section 2. of this Tariff apply.

E. Service Charges in Section 4. of this Tariff are applicable per Basic Rate DSL Access in addition to rates and charges following.

G. Usage rates will apply for all minutes of use over the 320 hours allowed under the Flat Rate Threshold Pricing Plan. Usage rates will apply for all originating minutes of use under Usage Option Plan A. Usage rates, as appropriate, are specified in this section of the Tariff.

H. BRI will be available where facilities permit.

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.2 Regulations (continued)

I. When a customer's normal serving central office is not equipped to provide BRI, that customer may be served from an equipped central office without incurring interoffice charges. BRI customers to be served under this arrangement must sign an agreement the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. If the customer's normal serving central office is equipped to provide BRI, and service is provided from another central office at the customer's request, interoffice charges as provided in this Section of the Tariff will apply.

When requested by the customer, BRI served from a central office other than the central office the subscriber would normally be served from will require interoffice facilities as provided in this Section of the Tariff per DSL. Any non-ISDN interoffice facilities connecting to this service will follow the rules and regulations in Section A9.

Charges for interoffice facilities will apply for any BRI line associated with a MultiServ service or MultiServ PLUS service that is served from a central office other than the normal service central office.

J. Enhancements (i.e., the performance of protocol conversion) to the basic packet service offered in this section of the Tariff are available on a de-tariffed basis through vendors who subscribe to the Company's Public Packet Switching Network service.

K. Each ISDN Basic Rate DSL Access Arrangement will be counted as one line in determining the application of the Service Charges specified in Section 4. of this Tariff and the End User Charges as specified in the End User Common Access Service section of this Tariff.

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.3 Definitions

B Channel
A bi-directional synchronous channel capable of supporting 64 Kbps of digital transmission.

D Channel
A 16 Kbps digital signaling channel also capable of supporting 9.6 Kbps of packet information for the Basic Rate Interface.

64 KBPS Clear Channel Capacity (CCC)
A B channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

Packet Switching
ISDN packet switching service is a data transport service based on CCITT (Consultative Committee on International Telegraph and Telephony) X.25 protocol

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.4 Rates and Charges

		Monthly Rate	Nonrecurring Charge	
A.	Interoffice Circuit, per DSL			
1.	Each, including first mile	$115.00	$240.00	(T)
2.	Each additional mile	$45.00	$ -	(T)
B.	Interface			
1.	Basic Rate DSL Access Arrangement			
(a)	Per DSL			
I.	ISDN Access (5ESS/DMS)	$55.00	$130.00	(T)
II.	ISDN Access for use with High Speed Packet	$55.00	$130.00	(T)
(b)	Per DSL			
I.	ISDN Access - EWSD®	$55.00	$130.00	(T)
II.	ISDN Access for use with High Speed Packet - EWSD®	$55.00	$130.00	(T)

Note 1: On-Demand High Speed Packet B channel requires both Circuit Switched Voice/Data and On-Demand High Speed Packet to indicate one activation.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephan O Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.4 Rates and Charges (continued)

B. Interface (continued)

2. Channels Activated

	Monthly Rate	Nonrecurring Charge	
(a) B Channel (Maximum of 2)[1]			
I. Circuit Switched Voice/Data, Each			
(i) Flat Rate	$16.25	$ -	(T)
II. Circuit Switched Voice/Data for use with MultiServ® PLUS service, each[2]			
(i) Flat Rate	$12.25	$ -	(T)
III. Permanent High Speed Packet			
(i) Each	$120.00	$ -	(T)
IV. On-Demand High Speed Packet[3]			
(i) Each (5ESS only)	$110.00	$ -	(T)
(b) D Channel (Maximum of 1)			
I. Low Speed Packet as a Single Service			
(i) One only	$13.50	$ -	(T)
II. Low Speed Packet with a B channel service			
(i) Each	$13.50	$ -	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

Note 2: These rate elements may be used with BRI lines associated with MultiServ® PLUS service and requires Network Access Registers.

Note 3: On-Demand High Speed Packet B channel is available only on Integrated Packet Handler in EWSD®.

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.4 Rates and Charges (continued)

C. Interface Users

	Monthly Rate	Nonrecurring Charge	
1. Per User/Terminal Profile			
(a) Access to B Channel (CSV/CSD)			
I. Flat Rate (5ESS/DMS)			
(i) Each	$ -	$10.00	(T)
II. Flat Rate – EWSD®[1]			
(i) Voice	$ -	$10.00	(T)
(ii) Data	$ -	$ -	(T)
(b) Access to B Channel Permanent High Speed Packet			
I. With a Unique DN[1]			
(i) Each	$ -	$25.00	(T)
II. Without a Unique DN[2]			
(i) Each	$ -	$25.00	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

Note 1: Both Voice and Data are required per B Channel access on EWSD®.

Note 2: On-Demand High Speed Packet B channel requires both Circuit Switched Voice/Data and On-Demand High Speed Packet to indicate one activation.

MAY 01 2002

Note 3: Shares DN with any other bearer service on the same User Profile (5ESS).

PURSUANT TO 807 KAR 5:011
SECTION 9 (1)
BY Stephan O Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.1 Basic Rate ISDN (BRI) (continued)

6.1.4 Rates and Charges (continued)

C. Interface Users (continued)

1. Per User/Terminal Profile (continued)

(c) Access to On-Demand B Channel High Speed Packet (5ESS Only)[2,3]

	Monthly Rate	Nonrecurring Charge	
(I) With a Unique DN[1]			
(i) Each	$ -	$25.00	(T)
(ii) Without a Unique DN[2]	$ -	$25.00	(T)
(d) Access to D Channel Low Speed Packet			
I. As a Single Service			
(i) Each	$ -	$15.00	(T)
II. With a Unique DN			
(i) each	$ -	$15.00	(T)
III. Without a Unique DN[1]			
(i) each	$ -	$15.00	(T)
IV. For Use with Packages – with a Unique DN			
(i) each	$ -	$15.00	

D. Usage

1. Usage above 320 hours per DSL allowed in the Flat Rate Threshold Plan will be billed at the per minute of use rate.

	Rate Per Minute of Use	
(a) Per Minute of Use Above Threshold Allowance	$.01	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

Note 1: On-Demand High Speed Packet B channel requires both Circuit Switched Voice/Data and On-Demand High Speed Packet to indicate one activation.

MAY 01 2002

Note 2: Shares DN with any other bearer service on the same User Profile (5ESS).

Note 3: On-Demand High Speed Packet B channel requires at least one B channel circuit switched voice/data on DSL.

PURSUANT TO 807 KAR 5:011, SECTION 9 (1)
BY: [illegible]
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI)

6.2.1 General

A. Primary Rate ISDN (PRI) is an intraLATA offering supported by the Integrated Service Digital Network (ISDN) architecture.

B. PRI provides an ISDN access to the telecommunications network and includes the flexibility of integration of multiple voice and/or data transmission channels on the same line. The service will provide connectivity between ISDN compatible CPE and a serving central office. The basic channel structure for PRI is twenty-three 64 Kbps B-Channels and one 64 Kbps D-Channel. The customer has the option to activate up to 23 B-Channels on the first PRI arrangement and up to 24 channels on additional PRI arrangements. A Digital Data Only option and an Inward Data Option are also available. The 23 B-Channels can be used to connect the customer's CPE to the Public Circuit Switched Network, e.g., outward, inward and 2-way network access. Calling Number Delivery, Called Number Delivery, and Hunting functionality are inherent to this service. Telephone numbers for use on PRI are available in this Tariff. One Directory Listing will be furnished at no charge for each PRI B-Channel. Additional listings can be obtained as specified in Section 13 of this Tariff.

C. PRI provides capability for the transmission of digital signals only. Clear Channel Capability and Extended Superframe Format are inherent to the service.

D. PRI is provided within a LATA from wire centers where appropriate ISDN facilities are available as determined by the Company. Special Construction charges may apply.

E. Primary Rate ISDN Access Lines furnished between a serving wire center and a customer's premises will be offered at a non-distance sensitive rate per PRI Access Line. If a customer wishes to utilize another Company provided transport facility, e.g., SMARTRing® service, that can meet the required standards to carry the PRI Primary Rate ISDN Access (DSI) Line, the customer will incur no charge for the PRI (DS1) line.

F. Interoffice Channels furnished between central offices will be charged at rates based on airline distance between the central offices, except as provided in following.

G. Airline distance between Company central office shall be developed using the methodology found in the Private Line Service Section. Fractional mileage shall be rounded up to the next full mile.

H. The required components for PRI are as follows:
- PRI Access Line where applicable
- Interoffice Channels where applicable
- PRI Interface
- PRI B-Channels
- PRI D-Channel
- Telephone Numbers
- Call Types

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.1 General (continued)

I. The optional offering of Incoming Call Extension (ICE) provides the capability of PRI customers to retain serving wire center telephone numbers for incoming analog service when their existing analog services are converted to PRI. ICE is only available when the PRI is provided from a central office switch other than the one providing the converting analog services. ICE can also be used to provide additional serving wire center telephone numbers to an existing ICE arrangement. Rates and charges are applicable per telephone number or per path. Customers subscribing to ICE may be required to make CPE software modifications to translate dialed telephone numbers to terminated telephone numbers. Hunting between ICE telephone numbers is not allowed. ICE is only available within the Local Calling Area.

J. PRI B-Channel rate for the Voice/Data (Standard) option are listed in this Tariff. Exchange access is included as a part of the B-Channel rate on a flat rate basis and on a usage sensitive basis with RegionServ.

K. PRI B-Channel rates for the Digital Data Only option are listed in this Tariff. Exchange access is included as a part of the B-Channel rate and is offered on a flat rate basis and on a usage sensitive basis with RegionServ.

L. PRI B-Channel rates for the Inward Data option are listed in this Tariff. Exchange access is included as a part of the B-Channel on a flat rate basis only.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.1 General (continued)

M. The Primary Rate ISDN Inward Data option is characterized by the following:

(a) It is arranged for inward service only. Originating Calls will be denied.

(b) It is arranged to terminate analog and digital data calls only.

(c) The number of telephone numbers associated with a Primary Rate ISDN Inward Data Option arrangement must be equal to, or less than the number of Primary Rate ISDN Inward Data Interfaces comprising the arrangement unless the customer subscribes to additional numbers.

(d) Calling Number Delivery, Called Number Delivery, and Hunting are inherent to the service.

N. Voice calls on the B-Channel may be completed to both ISDN and non-ISDN lines.

O. Digital Data Transmission on the B-Channel will be circuit switched at 64 Kbps within the switch and between ISDN compatible central offices. ISDN interconnection to non-ISDN equipped central offices may be subjected to analog transmission or sub-rated to 56 Kbps.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6,2 Primary Rate ISDN (PRI) (continued)

6.2.2 Regulations

A. Primary Rate ISDN (PRI) is available on a month-to-month basis.

B. Nonrecurring charges associated with the PRI Access Line or Interoffice Channel facilities will not be applicable when upgrading from an existing T-1 service to Primary Rate ISDN. A T-1 Service Change Charge will be applicable for the T-1 service upgrade in addition to nonrecurring charges for other PRI rate elements ordered.

C. No nonrecurring charges will be applicable when converting T-1 ISDN service to Primary Rate ISDN or for converting from one PRI option to another, e.g., Voice/Data to Inward Data.

D. Upgrades, from a T-1 service and/or a T-1 channel service contract arrangement, are permitted with no Termination Liability when:

1. A new contract is selected for the PRI equal to or greater in length than the arrangement being terminated, and

2. The service orders to disconnect the T-1 channel service arrangement and to install PRI are related together and received by the Company at the same time with no lapse in billing of service.

E. Conversions from an existing T-1 ISDN contract arrangement to Primary Rate ISDN contract or conversions from one Primary Rate ISDN option to another, e.g., Voice/Data to Inward Data, are permitted with no Termination Liability charges applicable when:

1. The contract selected for the new Primary Rate ISDN arrangement is coterminous with the previous contract or is for a 24 month period, whichever is longer, and,

2. The service orders to disconnect the previous arrangement and to install the Primary Rate ISDN arrangement are related together and received by the Company at the same time with no lapse in billing of service.

F. The minimum subscription period for which month-to-month Primary Rate ISDN is furnished and for which charges are applicable is one month.

G. Unless otherwise specified, the regulations for Primary Rate ISDN stated herein apply in addition to the regulations set forth in Section 2. of this Tariff.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephanie Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.2 Regulations (continued)

H. Customer Premises Equipment (CPE) that is compatible with the Primary Rate ISDN interface is the responsibility of the customer.

I. No usage charges apply for calls within the local calling area for PRI customers utilizing the Flat Rate PRI B-Channel. Long Distance Message Telecommunications Service rates as specified in Section 12. apply for intraLATA calls terminated beyond the local calling area.

J. The Next Route Index Feature allows a Primary Rate ISDN Digital Data Only customer to arrange analog calls to overflow to a Voice/Data arrangement in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement in the same switch. These same capabilities are available to a Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement in the same switch. It does not allow Voice/Data, or Inward Data calls to overflow to a Digital Data Only arrangement nor does it allow Voice/Data or Digital Data Only calls to overflow to an Inward Data arrangement.

K. Primary Rate ISDN Digital Data Only Signaling Groups may be configured in one of the following four standard arrangements of call types:

1. Inward Calls: The number of Inward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.

2. Outward calls: The number of Outward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.

3. Inward calls and Outward calls: The maximum number of simultaneous calls for each call type is determined by the customer. For each call type, the maximum number of simultaneous calls must be less than or equal to the number of activated B-channels in the Signaling Group.

4. 2-Way calls: The number of 2-Way calls accommodated by the Signaling Group will be equal to the number of activated B-Channels

L. The Company reserves the right to audit the customers traffic usage for the Incoming Call Extension feature to insure that simultaneous calls are not occurring on the low use option. If such calls are occurring, the customer will be required to subscribe to the high use option.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.2 Regulations (continued)

M. Hunting rates, Direct Inward Dialing (DID) rates, Customized Code Restriction rates, Selective Class of Call Screening rates, and Foreign Exchange rates do not apply.

N. Verification and Emergency Interrupt service is not available.

O. Calling telephone numbers transmitted via Primary Rate ISDN are intended solely for the use of the PRI customer. Resale of this information is prohibited by this Tariff except the caller's telephone numbers may be provided to the subscriber's client for those calls sponsored or provided by that client where the client's identity is disclosed to the caller and the client agrees not to distribute such information to others.

P. Non-facility Associated Signaling (NFAS) provides the capability to control multiple DS1s with a single D-Channel. This feature can be ordered where switch capabilities exist as stipulated in the vendor technical documentation and where switch capacity exists. When NFAS is selected, the customer will order one Primary Rate ISDN arrangement with one D-Channel and up to 23 B-Channels. Additional Primary Rate ISDN arrangements are ordered with up to 24 B-Channels at rates and charges provided here in. The D-Channel activated on the initial arrangement serves the additional Primary Rate ISDN arrangements. If the customer desires, he may also request a back-up D-Channel with the NFAS option. The Voice/Data (Standard) Primary Rate ISDN and Digital Data Only option Primary Rate ISDN arrangements may not be mixed in the same NFAS group.

Q. When a customer's normal serving central office is not equipped to provide Primary Rate ISDN, the customer may be served, at the Company's option, from an equipped central office without incurring interoffice channel charges. Primary Rate ISDN customers to be served under this arrangement must sign an agreement that the service will be moved back to the normal serving central office and to a probable number change when/if that office is equipped with ISDN. This is referred to as the Alternate Network Serving Arrangement (ANSA). If a customer, under ANSA, requests Primary Rate ISDN from an ISDN equipped central office other than that determined by the Company, interoffice channel charges will apply. Also, if a customer requests Primary Rate ISDN from a central office other than their normal serving office and ANSA does not apply, interoffice channel charges will apply.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.2 Regulations (continued)

R. The Primary Rate ISDN - Digital Data Only option provides for the transmission of data mode calls only. The Primary Rate ISDN - Digital Data Only arrangement will be provisioned with the customer's requested number of Digital Data Only B-channels with no B-channels capable of transmitting voice mode calls in the same arrangement.

S. The Primary Rate ISDN Inward Data option provides for the transmission of inward analog and digital data calls only.

T. Regulations in Section 2 of this Tariff prohibiting the mixing of flat and message or flat and measured service do not apply for PRI.

U. No usage charges apply for calls within the local calling area for PRI customers utilizing the Flat Rate Primary Rate ISDN B-Channel. Long Distance Message Telecommunications Service rates as specified in Section 12. apply for IntraLATA calls terminated beyond the local calling area.

V. The following usage regulations will apply for all dialed sent paid local calls for PRI customers utilizing the Usage Sensitive PRI B-Channel:

1. Usage charges will be billed at the usage rates described in Section for Area Calling Service.

2. Summarized total usage charges will be reduced by fifty percent prior to the application of the usage allowance. Time/Day discounts described in Section do not apply.

3. A usage allowance of $25.00 per activated B-Channel is applicable for all calls terminating in Bands A, B, and C.

4. Total billed usage charges above the allowance will not exceed $20.00 per activated B-Channel for calls terminating in Bands A, B, and C. This regulation does not apply to resold services.

5. Local calls that are not dialed sent paid, i.e., operator assisted, mechanized calling card, etc., will be billed individually at the same usage rates specified in Section (including Time/Day usage provisions), in addition to any applicable Local Calling Card Service or Operator Assisted Local Call surcharges. Such calls are itemized on the subscriber's billing statement and are billed outside any applicable calling allowance or usage billing reductions for dialed sent paid local calls.

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.2 Regulations (continued)

W. The Next Route Index Feature allows a Primary Rate ISDN Digital Data Only customer to arrange analog calls to overflow to a Voice/Data arrangement in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement in the same switch. These same capabilities are available to a Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement in the same switch. It does not allow Voice/Data or Inward Data calls to overflow to a Digital Data Only arrangement nor does it allow Voice/Data or Digital Data Only calls to overflow to an Inward Data arrangement.

X. Primary Rate ISDN Digital Data Only Signaling Groups may be configured in one of the following four standard arrangements of call types:

1. Inward Calls: The number of Inward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.

2. Outward calls: The number of Outward calls accommodated by the Signaling Group will be equal to the number of activated B-channels.

3. Inward calls and Outward calls: The maximum number of simultaneous calls for each call type is determined by the customer. For each call type, the maximum number of simultaneous calls must be less than or equal to the number of activated B-channels in the Signaling Group.

4. 2-Way calls: The number of 2-Way calls accommodated by the Signaling Group will be equal to the number of activated B-Channels.

Y. The Company reserves the right to audit the customer's traffic usage for the Incoming Call Extension feature to insure that simultaneous calls are not occurring on the low use option. If such calls are occurring, the customer will be required to subscribe to the high use option.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.3 Definitions

Call-By-Call Capability
The term "Call-by-Call" denotes the ability of a Primary Rate ISDN B-Channel to carry a call of any call type (e.g., Inward, Outward, or 2-Way) as needed. This is distinct from other technologies where transmission channels are, due to technical limitations, segregated by call types.

Call Types
The term "Call Types" denotes the use of three types of Simulated Facility Groups (SFGs) available with Primary Rate ISDN which are described as Inward, Outward, and 2-way.

D-Channel
The term "D-Channel" denotes a 64 Kbps digital signaling only channel for call establishment when used with Primary Rate ISDN.

D-Channel Backup
D-Channel Backup (DCBU) provides one of the DS-1's in the NFAS arrangement with a spare D-Channel. This spare D-Channel is used to control signaling and call setup if the main D-Channel fails. The main D-Channel and the spare D-Channel are never provided on the same DS-1. The channel configuration for NFAS with DCBU arrangements may be described as pB+2D where $1 \leq p \leq 478$. Thus, the maximum channel configuration for a NFAS with DCBU arrangement is 478B+2D.

Digital Data Only B-Channel
The term "Digital Data Only B-Channel" denotes a bi-directional synchronous channel capable of supporting 64 Kbps of digitally transmitted data mode calls when provisioned by the Primary Rate ISDN - Digital Data Only option.

Facility Associated Signaling
In Facility Associated Signaling (FAS) arrangements for Primary Rate ISDN, a D-Channel is provided for every DS-1 facility. Since the customer may select the number of B-Channels activated (up to 23), the channel configuration for FAS arrangements may be described as nB+D where $1 \leq n \leq 23$. Thus, the maximum channel configuration for a FAS arrangement is 23B+D.

High Use Option
The term "High Use Option" for Incoming Call Extension denotes that more than one simultaneous incoming call is received per telephone number.

Interoffice Channel
An Interoffice Channel provides for the transmission facilities between Company serving wire centers within a LATA.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.3 Definitions (continued)

Inward Call
An Inward call denotes a call that is switched through the BellSouth Network and terminates in a Primary Rate
ISDN arrangement.

Inward Data B-Channel
An Inward Data B-Channel provides circuit switched service that will allow either analog data or digital data transmission at up to 64 Kbps and will include the functionality of Hunting and Calling/Called Number Delivery.

Low Use Option
The term "Low Use Option" for Incoming Call Extension denotes that a maximum of one incoming call is received per telephone number at one time.

Next Route Index Feature
The Next Route Index Feature allows a Primary Rate ISDN Digital Data Only customer to arrange analog calls to overflow to a Voice/Data arrangement in the same switch or allows the customer to overflow analog and digital calls to a Voice/Data arrangement in the same switch. These same capabilities are available to a BellSouth Primary Rate ISDN Inward Data customer to overflow calls to a Voice/Data arrangement in the same switch.

Non-Facility Associated Signaling
In Non-Facility Associated Signaling (NFAS) arrangements for Primary Rate ISDN, a D-Channel controls multiple (up to 20) DS-1 facilities. In NFAS arrangements, the first DS-1 will typically be configured as 23B+D, and all other DS- 1's controlled by the D-Channel will be configured as 24B. The channel configuration for NFAS arrangements may be described as mB+D where $1 \leq m \leq 479$. Thus, the maximum channel configuration for a NFAS arrangement is 479B+D.

Outward Call
An Outward call denotes a call that originates on an Primary Rate ISDN arrangement and is switched through the BellSouth network.

Primary Rate ISDN Access Line
A Primary Rate ISDN Access Line provides a four-wire access loop from the serving wire center to the customer premises. The transmission characteristics of this loop support Clear Channel Capability and Extended Superframe Format (ESF). When the customer provides this access line, via an acceptable transport facility.

Primary Rate ISDN B-Channel
A Primary Rate ISDN B-Channel - provides circuit switched service that will allow either voice or data transmission at up to 64 Kbps and will include the functionality of hunting and calling/called number delivery.

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.3 Definitions (continued)

Primary Rate ISDN D-Channel
A Primary Rate ISDN D-Channel provides a 64 Kbps digital signaling-only channel for call establishment and control.

Primary Rate ISDN Interface
A Primary Rate ISDN Interface provides multiplexing to support up to 23 B-Channels at 64 Kbps and one D-Channel for signaling also at 64 Kbps. When Non-facility Associated Signaling (NFAS) is ordered, the Primary Rate ISDN Interface can provide up to 24 B-Channels at 64 Kbps. One Primary Rate ISDN Interface is required for each Primary Rate ISDN Access Line.

Signaling Group
A set of Primary Rate ISDN DS-1's that is controlled by one D-Channel, or by one D-Channel together with the associated backup D-Channel, is called a Primary Rate ISDN Signaling Group. In a FAS arrangement, each DS-1 constitutes a Signaling Group. In NFAS arrangements, all the DS-1's controlled by the main D-Channel (and, optionally, by the Backup D-Channel) constitute a Signaling Group.

64 Kbps Clear Channel Capacity (CCC)
The term "64 KBPS Clear Channel Capacity (CCC)" denotes a B-Channel connection that provides end-to-end digital connection in which all 64 Kbps of bandwidth are available for customer use.

2-Way Call
The term "2-Way calls" denotes calls which either originate or terminate on a Primary Rate ISDN arrangement.

Voice/Data B Channel
The term "Voice/Data B Channel" denotes a bi-directional synchronous channel capable of supporting 64 Kbps of digital transmission.

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.4 Rates and Charges

	Monthly Rate	Nonrecurring Charge	
A. Primary Rate ISDN Access Line, each			
B. Interoffice Channel, each channel			
1. Fixed Monthly Rate	$75.00	$125.00	(T)
2. Each airline mile or fraction thereof	$24.00	$ -	(T)
C. Primary Rate ISDN Interface, each			
1. Voice/Data (Standard)	$400.00	$110.00	(T)
2. Digital Data Only Option	$400.00	$110.00	(T)
3. Inward Data Option	$400.00	$110.00	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephanie Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.4 Rates and Charges (continued)

D. Primary Rate ISDN B-Channels

	Monthly Rate	Nonrecurring Charge	
1. Voice/Data (Standard)	$65.80	$5.00	(T)
2. Digital Data Only Option	$26.65	$5.00	(T)
3. Inward Data Option	$41.00	$5.00	(T)

E. Usage Sensitive PRI B-Channels for use with Area Calling Service, each

1. Voice/Data (Standard)	$65.80	$ -	(T)
2. Digital Data Option	$26.65	$ -	(T)

F. Telephone Numbers for Usage Sensitive PRI – Area Calling Service (Voice/Data and Digital Data Only Options)

2. Per telephone number requested inward and 2-way	$.20	$ -	(T)
3. Per telephone number requested outward only – No Rate (Provisioning Only)			

G. Telephone Number for Primary Rate ISDN Voice/Data and Digital Data Only option

1. Per telephone number requested inward and 2-way	$.20	$ -	(T)
2. Per telephone number requested outward only – No Rate (Provisioning Only)			

H. Telephone Number for Primary Rate ISDN Inward Data Option

1. Each telephone number requested inward only within standard allowance[1]	$.20	$ -	(T)
2. Each telephone number requested inward only above standard allowance[2]	$20.00	$ -	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

Note 1: The monthly rate includes a $20.00 calling allowance as described in 6.2.2.M. following.

Note 2: The standard allowance is equal to the number of PRI Inward Data Interfaces comprising the arrangement.

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephan O Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.4 Rates and Charges (continued)

G. Incoming Call Extension (ICE)

	Monthly Rate	Nonrecurring Charge	
1. For maximum of one call per telephone number – low use[1]	$.30	$2.00	(T)
2. For more than one simultaneous call per telephone number – high use, first path[2]	$10.00	$25.00	(T)
3. Additional paths for (b) above, per additional path[2]	$8.00	$25.00	(T)

H. Next Route Index Feature

1. Per analog arrangement	$30.00	$100.00	(T)
2. Per analog and digital arrangement	$30.00	$100.00	(T)

Note 1: The standard allowance is equal to the number of PRI Inward Data Interfaces comprising the arrangement

Note 2: Applicable for high use telephone number such as those associated with two-way trunks.

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

...807 KAR 5:011,
SECTION 9 (1)
BY: Stephanie Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339

SECTION 6 – INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

6.2 Primary Rate ISDN (PRI) (continued)

6.2.4 Rates and Charges (continued)

I. Move Charge

A move charge, applies for each PRI Access Line moved to a new location in the same building. This move charge is equal to the sum of the Service Change Charge and the Premises Visit Charge.

A move charge, per PRI Access Line, applies for each PRI Access Line moved to a new location in Company territory within the same state. This move charge is equal to the sum of all nonrecurring charges applicable to a new PRI Access Line installation at the new location.

J. Service Rearrangement Charges

Service Rearrangement Charges are applicable for receiving and recording information and/or taking action in connection with a customer's Inside Move or transfer of service responsibility request or for processing the necessary data for a change on an existing PRI. Premises Visit Charges are applicable for inside moves. Only one Premises Visit Charge applies when more than one PRI Access Line is moved at the same premises at the same time.

1. Service Change and/or Inside Move, Per PRI Access Line

	Nonrecurring Charge	
(a) Inside move or change requiring redesign of transmission facilities – Type 1	$150.00	(T)
(b) Change involving central office translations and all other types of changes – Type 2	$60.00	(T)

2. Per Transfer of Responsibility and Record Orders

(a) Each	$8.00	(T)

3. Premises Visit Charge

(a) Per Primary Rate ISDN Access Line moved in the same building	$13.00	(T)

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE

MAY 01 2002

PURSUANT TO 807 KAR 5:011,
SECTION 9 (1)
BY: Stephan O Bell
SECRETARY OF THE COMMISSION

Willa Andrella Baylis, President & CEO
200 Galleria Parkway, Suite 1550
Atlanta, Georgia 30339